

DMR Copy of Record

Permit

Permit #:

MA0004936

Major:

Yes

Permittee:

PATRIOT BEVERAGES, LLC

Permittee Address:

C/O CPF, INC. 25 COPELAND DR.
AYER, MA 01432

Facility:

PATRIOT BEVERAGES LLC

Facility Location:

20 HAVARD ROAD
LITTLETON, MA 01460

Permitted Feature:

001
External Outfall

Discharge:

001-T
PROCESS TOXICITY DATA

Report Dates & Status

Monitoring Period:

From 01/01/23 to 01/31/23

DMR Due Date:

02/28/23

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

JAMES

Last Name:

DRAPEAU

Title:

DATA ADMIN

Telephone:

978-339-5905

No Data Indicator (NODI)

Form NODI:

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Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type	
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample										=	3.0	28 - ug/L	0	01/90 - Quarterly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	24 - COMP24
					Value NODI															
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample										=	6.0	28 - ug/L	0	01/90 - Quarterly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	24 - COMP24
					Value NODI															
01104	Aluminum, total recoverable	1 - Effluent Gross	0	--	Sample										=	24.0	28 - ug/L	0	01/90 - Quarterly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	24 - COMP24
					Value NODI															
01104	Aluminum, total recoverable	O - See Comments	0	--	Sample					=	0.024						19 - mg/L	0	01/90 - Quarterly	24 - COMP24
					Permit Req.					<=	0.1 MO AVG						19 - mg/L		01/90 - Quarterly	24 - COMP24
					Value NODI															
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample										<	0.1	28 - ug/L	0	01/90 - Quarterly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	24 - COMP24
					Value NODI															
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample										<	0.3	28 - ug/L	0	01/90 - Quarterly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	24 - COMP24
					Value NODI															
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample										=	1700.0	28 - ug/L	0	01/90 - Quarterly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	24 - COMP24
					Value NODI															
TAA6C	LC50 Static 48Hr Acute Pimephales	1 - Effluent Gross	0	--	Sample					=	100.0						23 - %	0	04/YR - Four Per Year	24 - COMP24
					Permit Req.					>=	100.0 DAILY MN						23 - %		04/YR - Four Per Year	24 - COMP24
					Value NODI															
X TBP6C	Noel Statre 7Day Chronic Pimephales	1 - Effluent Gross	0	--	Sample					<	6.25						23 - %	1	04/YR - Four Per Year	24 - COMP24
					Permit Req.					>=	91.0 DAILY MN						23 - %		04/YR - Four Per Year	24 - COMP24
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
TBP6C	Noel Statre 7Day Chronic Pimephales	1 - Effluent Gross	Quality or Concentration Sample Value 1	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

Significant mortalities were observed in all but the 25% effluent concentrations. The NOEC has been reported by New England Bioassay Labs as <6.25%. The LC50 as 100%. The WWTP Staff are collecting and resubmitting samples to New England Bioassay starting Sunday, August 19. The results of these new tests will be reported to you as soon as Patriot Beverages receives them.

Attachments

Name		Type	Size
ToxicityReport-1-16-23.pdf		pdf	3491729.0
SignedToxReportcvrltrJAN2023.pdf		pdf	223475.0
SignedToxReportJAN2023.pdf		pdf	392900.0
Report Last Saved By			
PATRIOT BEVERAGES, LLC			
User:	jdrapeau@cpf-nehf.com		
Name:	James Drapeau		
E-Mail:	jdrapeau@cpf-nehf.com		
Date/Time:	2023-02-22 08:21 (Time Zone: -05:00)		
Report Last Signed By			
User:	jdrapeau@cpf-nehf.com		
Name:	James Drapeau		
E-Mail:	jdrapeau@cpf-nehf.com		
Date/Time:	2023-02-22 08:22 (Time Zone: -05:00)		